



DEPARTMENT OF THE NAVY
OFFICE OF THE CHIEF OF NAVAL OPERATIONS
WASHINGTON, DC 20350-2000

IN REPLY REFER TO
OPNAVINST 1500.49C
OP-732

29 MAR 1991

OPNAV INSTRUCTION 1500.49C

From: Chief of Naval Operations

Subj: BATTLE GROUP TACTICAL TRAINING CONTINUUM

Encl: (1) Fleet Tactical Training Course (FTTC) Data Sheet
(2) Staff Tactical Watch Officer (STWO) Course Data Sheet
(3) Tactical Action Officer (TAO) Course Data Sheet
(4) Battle Group Commander/Warfare Commander Staff
Tactical Team Training (STTT) Course Data Sheet
(5) Tomahawk Land Attack Missile (TLAM) Staff Strike
Training Course Data Sheet (A)

1. Purpose. To issue the objectives and minimum attendance requirements for the courses of the Battle Group Tactical Training (BGTT) Continuum described in enclosures (1) through (5). (R)

2. Cancellation. OPNAVINST 1500.49B.

3. Background. The BGTT Continuum consists of pipeline training and Battle Group/Warfare Commander staff team training designed to promote tactical readiness in a joint environment for officers who will serve as Battle Group Commander/Staff, Warfare Commanders/Staff, Staff Tactical Watch Officers and unit Tactical Action Officers. The courses are taught at Tactical Training Groups (TACTRAGRUs) Atlantic and Pacific, Fleet Combat Training Centers (FCTCs), Atlantic and Pacific, and at Naval Strike Warfare Center, Fallon, Nevada. Wargaming support additionally is provided by both TACTRAGRUs. (A)

4. Summary of Changes (A)

a. Primary change is the addition of enclosure (5) implementing TLAM Staff Strike Training and the changes to the basic instruction needed to reflect the addition.

b. Wording incorporated reflecting increased emphasis on training for Joint operations (paragraph 3 and paragraph 2 to enclosure (1)), and recognition of wargaming support (paragraph 3).



0579LD0555150

29 MAR 1991

c. Several additions/revisions have been made to enclosures (1), (2) and (3) as indicated in the marginalia.

A) 5. Discussion. The courses of the BGTT Continuum stress coordinated tactical warfare against multiple-threats in a Battle Group/Force environment. The Continuum is structured to provide training keyed to tactically significant billets from individual ships through Battle Group/Force staff level (Fleet Commander in Chief (FLTCINC) level in the case of TLAM training), and to ensure recurring, progressive tactical training for officers' professional development throughout the spectrum of a career. Direct fleet interaction will significantly enhance tactical training effectiveness. In general, the Atlantic Fleet (LANTFLT) and Pacific Fleet (PACFLT) courses shall have similar learning objectives, cover the same basic material, and be taught in a similar manner. Differences will be in response to specific requirements of respective FLTCINCs. The billets identified here are considered the minimum required to receive the training and shall receive priority for quotas. Requests for additional billets to be included in this instruction must be accompanied by Type Commander's (TYCOMs) proposed training compensation. Additions, changes and deletions should be addressed to Chief of Naval Operations (CNO) (OP-73) via TYCOM, FLTCINC, the respective CNO warfare sponsor (Ops 29, 39, and 59), and the Continuum Development section within OP-11. A BGTT Continuum Planning Conference shall serve as a coordinating vehicle and will be convened on an as needed basis.

6. Action

a. CNO

(1) Coordinate and sponsor the BGTT Continuum course (CNO (OP-39) for TAO, CNO (OP-73) for all others).

(2) Approve waivers to attendance at BGTT Continuum Courses (CNO (OP-73)).

(3) Convene as necessary a BGTT Continuum Planning Conference (CNO (OP-73)).

(4) Sponsor development of training devices for BGTT Continuum Courses (CNO (OP-73 and OP-39)).

29 MAR 1991

b. Chief, Bureau of Naval Personnel (CHNAVPERS)

(1) Include the appropriate BGTT Continuum Course in permanent change of station (PCS) orders for officers en route billets designated here. Include in PCS orders the requirement for a Special Background Investigation (SBI) for those courses taught at the Special Intelligence (SI) level.

(2) Officers who proceed from one designated FTTC billet to another in succeeding PCS duty may be waived from re-attendance at the FTTC by CHNAVPERS after liaison with the respective TACTRAGRU and OP-732.

(3) Coordinate the class convening dates of BGTT Continuum Courses that interface with other officer PCS pipeline courses.

c. Commander in Chief U. S. Atlantic Fleet (CINCLANTFLT) / Commander in Chief U. S. Pacific Fleet (CINCPACFLT)

(1) Provide guidance and feedback to the Training Command to maximize the contribution of the BGTT Continuum to fleet training readiness.

(2) Encourage subordinate tactical commanders and commanding officers to constructively interact with the BGTT Continuum, TACTRAGRUs, and associated training resources. Post-deployment debriefings by Battle Group Commanders and Warfare Commanders are particularly important.

(3) Schedule formal Battle Group Commander/Warfare Commander Staff Tactical Team Training as described in enclosure (4). As a minimum the training should be accomplished as a part of each Battle Group's workup for deployment.

d. Numbered Fleet Commanders

(1) Use the BGTT Continuum and the TACTRAGRUs to improve tactical readiness of the Battle Group/Force.

(2) Provide continuous feedback to the TACTRAGRUs to assist in improving and updating their efforts.

e. Commander Training Command, U. S. Atlantic Fleet/Commander Training Command, U. S. Pacific Fleet

(1) Coordinate the efforts of subordinate commands and resources to maximize the overall Battle Group/Force tactical

29 MAR 1991

training effort in response to respective FLTCINCs and Numbered Fleet Commanders.

(2) Coordinate significant changes to courses of the BGTT Continuum. Projected capabilities should be limited to those with an Initial Operational Capability (IOC) within 2 years.

f. TACTRAGRUs, Atlantic and Pacific

(1) Teach the FTTC as described in enclosure (1).

(2) Teach the STWO course as described in enclosure (2).

(3) Conduct Battle Group/Warfare Commander STTT as described in enclosure (4).

A) (4) Teach Tomahawk Tactical Commander's Course (TTCC) which includes Level I TLAM Staff Strike training as described in enclosure (5).

A) (5) Provide Enhanced Naval Warfare Gaming System (ENWGS) support to other commands for training.

A) g. Naval Strike Warfare Center, Fallon, Nevada

(1) Teach TLAM Staff Strike training, Level II, as described in enclosure (5).

h. Fleet Combat Training Centers, Atlantic and Pacific

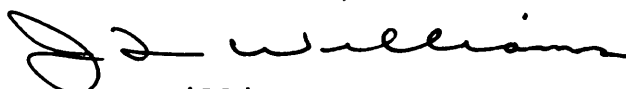
(1) Teach the TAO Course as described in enclosure (3).

i. Surface Warfare Officers School Command. Teach the TAO Course as described in enclosure (3) as an included part of the Department Head Course.

j. Type Commanders. Support the attendance, both PCS and Temporary Additional Duty (TEMADD), of officers in tactically significant billets at the BGTT Continuum courses.

k. Tactical Commanders and Commanding Officers. Provide periodic tactical lessons learned feedback to the TACTRAGRUs for update and improvement of the BGTT Continuum.

29 MAR 1991


J.D. WilliamsDeputy Chief of Naval Operations
(Naval Warfare)

Distribution:

SNDL 21A (Fleet Commanders in Chief)
22A (Fleet Commanders)
23A3 (Naval Force Commander CNO) (COMUSNAVCENT, only)
23B4 (Special Force Commanders CENTRAL)
24 (Type Commanders)
26A (Amphibious Group)
26HHH (Fleet Tactical Deception Group)
26KKK (Tactical Training Group)
28 (Squadron Division and Group Commanders-Ships)
29A (Guided Missile Cruiser (CG) (CGN))
29B (Aircraft Carrier (CV) (CVN))
29E (Destroyer (DD) 963 Class)
29F (Guided Missile Destroyer (DDG))
29K (Frigate (FF), 1052/1077 Class)
29L (Frigate (FF), 1078/1097 Class)
29N (Submarine (SSN))
29R (Battleships (BB))
29AA (Guided Missile Frigate (FFG) 7 Class and Fleet Introduction Team)
29BB (Guided Missile Destroyer (DDG) 993 Class and Fleet Introduction Team)
31A (Amphibious Command Ship (LCC))
31B (Amphibious Cargo Ship (LKA))
31G (Amphibious Transport Dock (LPD))
31H (Amphibious Assault Ship (LHA) (LPH))
31I (Dock Landing Ship (LSD))
31J (Dock Landing Ship (LSD))
31M (Tank Landing Ship (LST))
31N (Multi-Purpose Amphibious Assault Ship (LHD))
32C (Ammunition Ship (AE))
32G (Combat Stores Ship (AFS))
32H (Fast Combat Support Ship (AOE))
32N (Oiler (AO))
32Q (Replenishment Oiler (AOR))
42B (Functional Wing Commanders)
42J (Carrier Air Wing (CVW) (CVWR))
42K (Attack Squadron (VA))
42L (Fighter Squadron (VF))
42N (Air Anti-Submarine Squadron (VS))
42P (Patrol Wing and Squadron (VP))
42T (Tactical Air Control Group and Squadron (VTC))

29 MAR 1991

Distribution (continued):

SNDL 42X (Fleet Air Reconnaissance Squadron (VQ))
 42Z (Tactical Electronic Warfare Squadron (VAQ))
 42BB (Helicopter Anti-Submarine Wing and Squadron (HS))
 42CC (Helicopter Anti-Submarine Squadron, Light (HSL))
 42DD (Carrier Airborne Early Warning Squadron (VAW))
 42GG (Strike Fighter Squadron (VFA))
 FKA1G (Sea Systems Command) (PMS-423)
 FJA1 (Military Personnel Command)
 FS1 (Intelligence Command Headquarters)
 FT22 (Fleet Combat Training Center)
 FT43 (Surface Warfare Officers School Command)

OP-73 (10)

Copy to:

SNDL A2A (Department of the Navy Staff Offices) (JAG, only)
 23 (Force Commanders)
 26F (Operational Test and Evaluation Force and Detachment)
 26H (Fleet Training Group)
 2600 (Fleet Electronic Warfare Support Group)
 26YYY (Carrier Airborne Early Warning Weapons School)
 42A (Fleet Air Commands)
 C4EE (Center for Naval Analyses)
 C25A (OPNAV Support Activity Detachment) (Ft. Ritchie, only)
 FD1 (Oceanography Command)
 FF18 (Tactical Support Activity)
 FF42 (SCOL Postgraduate)
 FF44 (Naval War College)
 FF63 (Strike Warfare Center)
 FF67 (Fighter Weapon School)
 FJA1 (Military Personnel Command) (NMPC 04, 41, 42, 43 and 44)
 FS5 (Operational Intelligence Center)
 FT1 (Chief of Naval Education and Training)
 FT46 (Fleet Anti-Submarine Warfare Training Center)
 FT51 (Fleet and Mine Warfare Training Center)

OPs 01, 11, 02, 29, 03, 39, 05, 59, 06, 07, 092, 094, 095, 096 and 091

A) SECNAV/OPNAV Directives Control Office, Washington Navy Yard, Building 200, Washington, D.C. 20374-5074 (20 Copies)

Stocked:

CO, NAVPUBFORMCEN
 5801 Tabor Avenue
 Philadelphia, PA 19120-5099 (100 copies)

29 MAR 1991

Fleet Tactical Training Course (FTTC)
Course Data Sheet

1. Course Number and Identification. J-2G-3009 (LANT), K-2G-3009 (PAC); Fleet Tactical Training Course
2. Course Objectives. Provide appropriate experienced flag and senior officers with the current tactical knowledge and practical skills required to plan and execute Battle Group/Force combat operations, including Joint operations. Stress the interaction between the OTC, Composite Warfare Commander and their subordinate warfare commanders/coordinators, as well as Joint Task Force components and the other services. (A)
3. Course Quota Control/Training Activity
LANT: CO, TACTRAGRULANT
AV 433-7807
COM (804) 433-7807
PAC: CO, TACTRAGRUPAC
AV 553-8337
COM (619) 553-8337
4. Course Length. Three weeks.
5. Prerequisites. Special Background Investigation.
6. Security Clearance. Top Secret, Special Intelligence.
7. Minimum Course Attendees. Officers ordered to the following billets shall attend FTTC as en route training. Officers serving in the specified billets shall attend FTTC on a TEMADD basis. Officers who proceed from one designated FTTC billet to another in succeeding PCS duty may be waived from re-attendance at the FTTC by CHNAVPERS after liaison with the respective Tactical Training Group.

a. Numbered Fleet Staffs

- (1) Commander
- (2) Chief of Staff
- (3) ACOS for Operations/Plans
- (4) ACOS for Intelligence
- (5) ACOS for Communication

Enclosure (1)

25 MAR 1981

- (6) Cryptology/SIGSEC OPS Officer
- (7) Air/AAW OPS Officer
- (8) Sub/ASW OPS Officer
- (9) Strike/ASUW OPS Officer
- (10) Surface OPS Officer
- (11) Air ASW OPS Officer
- (12) Plans & Exercises Officer
- (13) Special Warfare Officer
- (14) Fleet Schedules/Readiness Officer
- (15) Oceanographer
- (16) OPS Analyst (LANT only)
- (17) OPINTEL (LANT only) Officer
- (18) STKFLT LANTREP Europe

b. Carrier Group (CARGRU) Staffs

- (1) Commander
- (2) Chief of Staff
- (3) ACOS for Operations/Plans
- (4) Air OPS Officer
- (5) Surface OPS Officer
- (6) ASW/Sub OPS Officer
- (7) Strike OPS Officer
- (8) OPINTEL Officer
- (9) CIC/Air Warfare Officer
- (10) Electronic Warfare Officer

29 MAR 1991

(11) Cryptologist

(12) Communication Officer

c. Cruiser Destroyer Group (CRUDESGRU) Staffs

(1) Commander

(2) Chief of Staff

(3) ACOS for Operations/Plans

(4) Air Operations/Plans Officer

(5) ASW/Sub OPS Officer

(6) AAW/CIC Officer

(7) INTEL Officer

(8) Oceanographer

(9) Surface OPS Officer

(10) Readiness Weapons/Strike OPS Officer

(11) ACOS for Communication

d. Amphibious Group/Tactical Amphibious Squadron
(PHIBGRU/TACPHIBRON) Staffs

(R

(1) Commander

(2) COS/CSO

(3) OPS/Plans Officer

(4) Oceanographer

(5) INTEL (PHIBGRU) Officer

e. Tactical Air Control Squadron (TACRON)

(1) Executive Officer

(2) NTDS-CIC Officer

29 MAR 1991

- f. Submarine Group (SUBGRU) Staffs
 - (1) Commander
 - (2) Chief of Staff
 - (3) ACOS OPS/Plans Officer
 - (4) Oceanographer
- g. Carrier Air Wing (CVW) Staffs
 - (1) Commander
 - (2) Deputy
 - (3) Operations Officer
 - (4) INTEL Officer
 - (5) ASW Officer
- h. Patrol Wing Atlantic/Pacific (PATWINGS) LANT/PAC Staffs
 - (1) Commander
 - (2) Fleet Exercise Coordinator (PAC)
- i. Patrol (VP) Wing Staffs
 - (1) Commander
 - (2) OPS Officer
 - (3) ASWOC OINC
- j. Commander U.S. Navy Central Command (COMUSNAVCENT)
 - (1) ACOS OPS Officer
 - (2) ACOS Plans
- k. Middle East Force (MIDEASTFOR) Staff
 - (1) Commander
 - (2) ACOS OPS/Plan

29 MAR 1991

- l. Logistic Group/Squadron (LOGGRU/LOGRON) Staffs
 - (1) Commander
- m. Tactical Destroyer Squadron (TAC DESRON) Staffs
 - (1) Commander
 - (2) Chief Staff Officer
 - (3) Operations/Plans
- n. Submarine Squadron (SUBRON) Staffs
 - (1) Commander
 - (2) ACOS Readiness & Training
 - (3) Operations Officer (Submarine Development Squadron (SUBDEVRON) 12 only)
 - (4) Chief Staff Officer (SUBDEVRON 12 only)
- o. Carrier (CV/CVN) (Exempt CVT)
 - (1) Commanding Officer
 - (2) Operations Officer
 - (3) Strike Operations Officer
 - (4) Combat Information Center Officer
 - (5) INTEL Officer
 - (6) ASW Officer
 - (7) Communication Officer
- p. Amphibious Units (AGF/LHA/LPH/LCC/LHD) (R)
 - (1) Commanding Officer/Executive Officer (exempt AGF) (R)
 - (2) Operations Officer
 - (3) INTEL Officer

29 MAR 1991

- q. Amphibious Units (LPD/LKA/LSD/LST)
 - (1) Commanding Officer
- r. Cruiser (CG/CGN)
 - (1) Commanding Officer
 - A) (2) Executive Officer
 - R) (3) Operations Officer
- R) s. Submarines (SSNs only)
 - (1) Commanding Officer
- t. Battleship/Destroyer (BB/DDG) (DDG 37/DDG 993/DDG 51)
 - R) (1) Commanding Officer
 - A) (2) Executive Officer (exempt DDG 51)
 - R) (3) Operations Officer
- u. Destroyer/Frigate/Patrol (DD/FF/FFG/DDG-2/PHMRON)
 - (1) Commanding Officer/Commander
- v. Logistics Force (AE/AO/AOE/AOR/AFS)
 - (1) Commanding Officer
- w. Aircraft Squadrons (VF/VA/VFA/VAW/VAQ/VP/VS/HS/HSL)
 - (1) Commanding Officer/Executive Officer
- x. Reconnaissance (VQ) SQUADRON (VQ-1, 2, 5 & 6 Only)
 - (1) Commanding Officer
- y. Commander, Submarine Forces Atlantic (SUBLANT) Staff
 - (1) DCOS for Operations/Plans/Intelligence
 - (2) DCOS for Readiness/Training

29 MAR 1991

- (3) PCO Instructor
- (4) ACOS Operations
- z. Commander, Submarine Forces Pacific (SUBPAC) Staff
 - (1) ACOS for Tactical Systems
 - (2) ACOS for Operations/Plans
 - (3) PCO Instructor
- aa. Fleet Tactical Deception Group (FLTACDEPGRU) Staff
 - (1) Commander
 - (2) Deploying Planners
- ab. Fleet Electronic Warfare Support Group (FEWSG) Staff
 - (1) Commander
- ac. Center for Naval Analyses (OEG)
 - (1) Field Representatives
- ad. Strike Warfare Center/Fighter Weapons School/Carrier Airborne Early Warning Weapons School
 - (1) Commander
- ae. Commander South Atlantic (COMSOLANT) Staff
 - (1) Commander
 - (2) Chief of Staff
 - (3) ACOS Operations
- af. Integrated Undersea Surveillance System (IUSS)
 - (1) Commanding Officer
- ag. Mine Group/Squadron (MINEGRU/MINERON)
 - (1) Commander

(A)

29 MAR 1991

Staff Tactical Watch Officer (STWO)
Course Data Sheet

1. Course Number and Identification. K-2G-0079 (PAC), K-2G-0079 (LANT), Staff Tactical Watch Officer (Mid-grade level)
2. Course Objective. Provide mid-grade warfare specialty officers with the tactical procedural skills required to plan and execute the Officer in Tactical Command (OTC), warfare commander and coordinator combat operations in a multi-threat, Battle Group/Force surface combatant task group environment.
3. Course Quota Control/Training Activity
LANT: CO, TACTRAGRULANT
AV 433-7807
COM (804) 433-7807
PAC: CO, TACTRAGRUPAC
AV 553-8337
COM (619) 553-8337
4. Course Length. Three weeks.
5. Prerequisites. Graduate of the Tactical Action Officer (TAO) course.
6. Security Clearance. Top Secret, Special Intelligence desired (LANT only); PAC requires Secret only.
7. Minimum Course Attendees. Officers ordered to the following listed billets shall attend STWO as en route training. Officers serving in the specified billets shall attend STWO on a Temporary Additional Duty (TEMADD) basis.
 - a. Carrier Group (CARGRU) Staffs
 - (1) Flag Lieutenant
 - (2) Flag Secretary
 - (3) Assistant Strike OPS Officer
 - (4) Assistant Air OPS (VP) Officer
 - (5) Assistant Air OPS (VS/HS) Officer
 - (6) Assistant CIC Officer/AAW Officer
 - (7) Material Officer

Enclosure (2)

29 MAR 1991

(8) Electronic Material Officer

(9) JAG Officer

b. Cruiser Destroyer Group (CRUDESGRU) Staffs

(1) Flag Lieutenant

(2) Flag Secretary

R) (3) Readiness/Asst Readiness Officer

(4) CIC/AAW OPS Officer

(5) Asst Air OPS/Plans-HSL Officer

(6) Asst Air OPS/Plans-VP/VS Officer

(7) Material/Assistant Material Officer

(8) Multi-sensor INTEL Officer

(9) Electronic Warfare Officer

(10) Staff Cryptologist

c. Tactical Destroyer Squadron (TAC DESRON) Staffs

(1) ASW/ASUW

(2) Air ASW OPS and Plans

(3) Combat Systems Officer

(4) Staff Material Officer

d. Carrier (CV/CVN)

(1) TAO Watchstanders (4)

(2) Assistant Strike OPS Officer

(3) Oceanographer

e. Cruiser (CG/CGN)

R) (1) CIC Officer

- (2) Combat Systems Officer
- f. BB (A)
 - (1) Strike Ops Officer
 - (2) Weapons Officer
 - (3) INTEL Officer
- g. DDG-51/DDG-993 (R)
 - (1) Combat Systems Officer
- h. Fleet Tactical Deception Group (FLTACDEPGRU)
 - (1) Team Leaders
- i. Amphibious Group (PHIBGRU) Staffs
 - (1) Electronic Warfare Officer
 - (2) Staff Readiness Officer
 - (3) Cryptologist
 - (4) Communication Officer
- j. Amphibious Squadron (PHIBRON) Staffs
 - (1) Asst OPS/Plans
 - (2) Staff Air Tac Officer
 - (3) Readiness Officer
 - (4) Weapons/Supporting Arms Officer
- k. Patrol Hydrofoil Missile Squadron (PHMRON) (A)
 - (1) OPS/Plans
- l. Commander, South Atlantic Forces (COMSOLANT) Staff
 - (1) Flag Lieutenant

Tactical Action Officers (TAO)
Course Data Sheet

1. Course Number and Identification. K-2G-0033, Tactical Action Officer Course.
2. Course Objective. To provide experienced line officers with the necessary background, knowledge, theory and tactical skills to begin at-sea qualification in a TAO related billet or on an embarked staff in a multi-threat environment.
3. Course Quota Control/Training Activity
LANT: Fleet Combat Training Center, Atlantic
AV 433-6381
COM (804) 433-6381
PAC: Fleet Combat Training Center, Pacific
AV 553-8305, 8310
COM (619) 553-8305, 8310
4. Course Length. Six weeks for Surface Warfare Officer's (SWO) and seven weeks for non-SWOs.
5. Prerequisites. None.
6. Security Clearance. Secret.
7. Minimum Course Attendees. Officers en route to or filling the following billets shall attend TAO and shall be afforded first priority for quotas.
 - a. Cruiser Destroyer Group (CRUDESGRU) Staffs
 - (1) Asst Air OPS/Plans (HSL) Officer
 - (2) Asst Air OPS/Plans (VP) Officer
 - (3) Electronic Warfare Officer
 - b. Tactical Destroyer Squadron (TAC DESRON) Staffs
 - (1) Air OPS/Plans Officer

29 MAR 1991

- c. Surface Combatants (BB/CG/CGN/DD/DDG/FF/FFG)
 - (1) Department Heads (Training Activity: SWOSCOLCOM)
 - (2) INTEL/EW (BB) Officer
 - (3) OUTBOARD Officer (When assigned)
- d. Carriers (CV/CVN) (Exempt CVT)
 - (1) TAO Watchstanders (3)
 - (2) Cryptologic Officers
- e. Amphibious Units (LPH)
 - (1) Operations Officer
- f. Tactical Amphibious Squadron (PHIBRON)
 - (1) Staff Air Tac Officer (LANT)
 - (2) Staff Readiness Officer
 - (3) Staff Weapons/Supporting Arms Officer
- g. Fleet Deception Groups (FLTDECGRUS)
 - (1) Deception Planners

(A

29 MAR 1991

Battle Group Commander/Warfare Commander
Staff Tactical Team Training (STTT)
Course Data Sheet

1. Course Number and Identification. As designated by CINCLANTFLT and CINCPACFLT in their respective tactical team training programs.
2. Course Objective. To improve the tactical readiness of deploying Battle Groups/Force. Building on prior training and experience, the course promotes cohesiveness throughout the Battle Group/Force command and control structure by bringing the principals and their tactical assistants together in an intensive training environment focused on impending specific tactical evolutions.
3. Course Quota Control/Training Activity. Scheduling as directed by CINCLANTFLT and CINCPACFLT in their respective tactical team training programs. It is intended that all principal Battle Group/Force tactical planners/decision makers attend prior to deployment. Training activity is the Tactical Training Group.
4. Course Length. Three days or longer.
5. Prerequisites. None.
6. Security Clearance. Top Secret, Special Intelligence.
7. Minimum Course Attendees
 - a. Battle Group/Force Commander and Staff
 - b. Warfare Commanders and Staffs
 - c. Warfare Coordinators and Staffs

29 MAR 1991

Tomahawk Land Attack Missile (TLAM) Staff Strike Training
(Level I & Level II Courses)
Course Data Sheet

(A)

1. Course Numbers and Identification. As designated by CINCLANTFLT and CINCPACFLT in their respective tactical team training programs.

2. Course Objectives. TLAM strike planning expertise is an essential ingredient in any use of power projection. Such expertise would be realized via two courses, "Level I" and "Level II," which would incrementally increase the attendee's planning proficiency and knowledge.

a. Level I: Requirements for Level I training are met by successful completion of the Tomahawk Tactical Commander's Course (TTCC) taught at the Tactical Training Groups (TACTRAGRU's) Atlantic and Pacific. The course familiarizes Staff Strike planners and prospective commanding officers with the technical details of the TLAM weapons systems operation and Tomahawk tactical employment considerations. Level I is a prerequisite for those designated to continue to Level II. (Positions annotated with an "*" are designated for Level II training; they will continue to NSWC, Fallon following completion of Level I training at the TACTRAGRU.)

b. Level II: Requirements for Level II training are met by successful completion of Staff Officer Strike Warfare Training (SOSWT) taught at Naval Strike Warfare Center (NSWC), Fallon, NV. This course will build on the current 3 day Executive Strike Leader Attack Training Syllabus (E-SLATS) course by adding 2 days to it. The 2 additional days will be specifically devoted to the attendee's command and area of operations.

3. Training Agent/Course Quota Control. Scheduling as directed by CINCLANTFLT and CINCPACFLT in their respective tactical team training programs.

a. Level I: Normally hard-scheduled once per quarter with additional courses scheduled as needed to meet training demands.

b. Level II: Normally hard-scheduled each quarter to lock-step with the Level I course.

4. Course Length

a. Level I: Three days.

Enclosure (5)

29 MAR 1991

b. Level II: Five days.

5. Prerequisites. None for Level I. Level I is a prerequisite for attendance at Level II.

6. Security Clearance. Top Secret clearance required (non-waiverable). If incumbent staff officer's billet requires duties associated with "SPECAT" programs and Navy Special Access programs, briefing at the level to include indoctrination can be given with concurrence of receiving command.

7. Minimum Course Attendees

The **Battle Group/Force (BG/BF) Commanders/staff** positions listed in paragraphs 7a. through 7e. below should attend this training with their assigned staff after reporting aboard.

The **Numbered Fleet, Type and Fleet CINC staff** positions listed in paragraphs 7f through 7s below WILL attend this training en route as pipeline training. (The variance of billets identified for both Level I and Level II across the same type of staffs has several causes--limited knowledge of TLAM employment and integrated strike warfare; nominations reflect where requisite knowledge presently resides vice where it needs to reside--and is acknowledged. As the experience level increases and major staffs sort out how they will do strike planning a redefinition of billets will be required.)

a. Carrier Group (CARGRU) Staffs

- (1) Commander
- (2) ACOS Ops
- (3) Strike Ops*
- (4) Air Ops
- (5) Surface Ops*
- (6) Subsurface Ops*
- (7) Intel
- (8) Oceanographer* (ADDU from CV/CVN)

b. Cruiser Destroyer Group (CRUDESGRU) Staffs

- (1) Commander
- (2) ACOS Ops/Plans
- (3) Staff Ops & Plans/Surface*
- (4) Subsurface Ops*
- (5) Strike Ops*
- (6) Air Ops/Plans
- (7) Staff Oceanographer*

c. Carrier Air Wing (CVW) Staff

- (1) Commander*
- (2) CAG Ops*
- (3) Strike Ops*

d. Submarine Group (SUBGRU) SEVEN

- (1) C2 Officer*

e. Submarine Group (SUBGRU) EIGHT

- (1) Staff Ops/Plans-Submarine
- (2) Staff Oceanographer

f. COMSECONDFLT

- (1) Strike Warfare Officer*
- (2) ASUW Officer*
- (3) Staff Oceanographer*

g. COMTHIRDFLT

- (1) ACOS Op Intel
- (2) ACOS Ops & Plans

20 MAR 1991

- (3) Staff Ops & Plans/Mining
- (4) ACOS Logistics
- (5) Ops Anal/Tac Development
- (6) Current Ops/Plans*
- (7) ASW Readiness Officer*
- (8) Sub-Surface Readiness Officer*
- (9) Staff Oceanographer*

h. COMSIXTHFLT

- (1) Air Ops/Strike Warfare*
- (2) Sub Ops/ASW*
- (3) Geo Political Analyst
- (4) Staff Oceanographer*

i. COMSEVENTHFLT

- (1) Staff Air Tactical*
- (2) Surface Warfare*
- (3) Staff Ops/Plans*
- (4) Staff Intel/Analyst
- (5) Staff Plans/Air Ops
- (6) Staff Oceanographer*

j. COMNAVAIRPAC

- (1) C2 Officer*
- (2) Strike Warfare*
- (3) C2 Assistant
- (4) Staff Oceanographer

29 MAR 1991

k. COMNAVSURFPAC

- (1) Cruise Missile Tactical Qual Officer*
- (2) ASUW Officer*
- (3) Cruise Missile Tactical Qual Asst
- (4) COS Training*

l. COMNAVSURFLANT

- (1) Cruise Missile Tactical Qual Officer*
- (2) ASUW Officer*
- (3) Cruise Missile Tactical Qual Asst
- (4) COS Training

m. COMSUBPAC

- (1) Tactical Readiness Officer
- (2) Combat Systems Training Officer
- (3) STT Officer
- (4) C2 Officer*
- (5) Force Plans Officer*
- (6) Force Fire Control Officer
- (7) Staff Oceanographer

n. COMSUBLANT

- (1) ACOS Tactical Weapons
- (2) Force Cruise Missile Employment
- (3) Tactical Development Officer
- (4) Direct Support/STT/Ops
- (5) Staff Oceanographer

29 MAR 1991

o. CINCUSNAVEUR

- (1) Sub Programs/Policy
- (2) Asst Surface Ops*
- (3) Staff Air Ops/ASW
- (4) HUMINT Coll/Exchange
- (5) Intel Watch Officer
- (6) Mine Warfare Policy
- (7) Nuclear Plans/Policy*
- (8) Asst Nuclear Plans/Policy
- (9) Staff Oceanographer

p. AFSOUTH

- (1) Special Asst to CINC

q. CINCPACFLT

- (1) Tactical Air Ops Officer*
- (2) Cruise Missile/ASUW*
- (3) Systems Officer*
- (4) Head War Plans/Policy
- (5) Nuclear War Plans/Policy
- (6) Fleet Warfare Officer
- (7) Staff Oceanographer

r. CINCLANTFLT

- (1) ASUW/OTH-T Officer
- (2) Deputy Director for Tactical Development
- (3) Staff Oceanographer

29 MAR 1991

s. NAVCENT

- (1) ACOS Ops/Plans
- (2) Surface Ops/Plans*
- (3) ACOS Op Intel
- (4) Op Intel Plans